Coal Mine Map Collection

All-Library Staff Meeting

January 26, 2017
Background

- Joint venture of:
  - The Maryland Dept. of the Environment, Bureau of Mines
  - The Maryland Dept. of Natural Resources, Power Plant Research Program
  - Frostburg State University, Lewis J. Ort Library
Purpose

“To collect, catalog, preserve, interpret, and provide access to the historical record of mining in Maryland, focusing on the mining of coal in Western Maryland.”

Proposal for the Preservation and Interpretation of Maryland’s Coal Mining Industry Historic Records, May 9, 2003
Why consolidate, catalog and index the materials?

1) To provide for the public safety,
2) To identify subsidence prone areas,
3) To facilitate ongoing environmental restoration efforts by the Bureau of Mines to mitigate the environmental impacts of pre-law (1977) historic coal mining in Maryland’s Appalachian Mountain region,

Proposal for the Preservation and Interpretation of Maryland’s Coal Mining Industry Historic Records, May 9, 2003
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4) To facilitate studies of using Maryland power plant combustion products in mine restoration,

5) To aid other relevant research and evaluations.
Why was the Library involved?

“Libraries have the tools and personnel best suited to organizing, tracking, and preserving vast amounts of data, subsequently the BOM determined that the best way to preserve and catalog this information was through an agreement with the FSU library.”

"Maryland Coal Mine Mapping Project," Corey Lynn Prescott and Nat DeBruin. 2004 Advanced Integration of Geospatial Technologies in Mining and Reclamation, December 7-9, 2004, Atlanta, GA.
Project

- Originally a 5-year plan
  - PHASE I: Collection and Appraisal (July 2003 through June 2004)
  - PHASE II: Preservation, Cataloging and Indexing (July 2004 through June 2006)
  - PHASE III: Consolidation and Interpretation (July 2006 through June 2008)
  - PHASE IV: Maintenance (ongoing)

"The Maryland Coal Mine Mapping Project" presented by Nat DeBruin, November 29, 2004
Likely Users (in order)

• Mining and/or Mapping professional
• Serious researcher or student (including genealogists)
• Casual Web user

"The Maryland Coal Mine Mapping Project" presented by Nat DeBruin, November 29, 2004
George's Creek Coal Company Inc., Lonaconing Md., map of Waynesburg Mines No. 3 and 5 [cartographic material].

Language: English
Publication Information: 1948.
Publication Date: 1948
Physical Description: 1 map : reverse blue line print, col. ; 134 x 108 cm.
Publication Type: Map
Document Type: Map
Subject Terms: Coal mines and mining -- Maryland -- Lonaconing -- Maps

Waynesburg Mine No. 3 -- Maps
Waynesburg Mine No. 5 -- Maps
Georges Creek Coal Basin (Md)
Lonaconing (Md)
Allegheny County (Md)

Abstract: Summary: Part of the Coal Mine Mapping Project, a joint project by the Maryland Bureau of Mines, the Maryland Power Plant Research Program and Frostburg State University, to create digital images of maps of historic coal mines located in Allegany and Garrett County, Md.

Summary: Shows a medium, underground, room and pillar (prior to 1950) coal mine in the George's Creek coal basin (Waynesburg/Tyson seam) in Allegany County in the Lonaconing quadrangle. Shows portals, roof falls, elevation data, adjacent mines, power lines, ventilation data, and mined worked out areas. Geographical features include Waynesburg outcrop, Big vein outcrop, Tyson seam, Koontz Run, rock faulted coal, sandstone roll, and low coal. Mannmade features include Potomac Edison electric transmission lines, Western Maryland Railway, including the Koontz branch, Tipple Castle "G", truck tipple, County Road, loading ramp, office, shop, bridges over Koontz Run, and several unnamed mine openings. Adjacent mines include Tyson Ant Mine, Waynesburg, abandoned Koontz opening, and Tyson. Surface land owners include Consolidated Fuel Company and Koontz Fuel Company (formerly New Central Coal Company). Also includes coordinate grid.

Other Authors: Hartig, Philip

Georges Creek Coal Company

Other Titles: Map of Waynesburg Mines No 3 and 5
Lonaconing quadrangle, Maryland-West Virginia.

URL: http://minemaps.frostburg.edu/bcm017.jpg : map image
Accession Number: fbsu.003240203
Title: George's Creek Coal Company Inc., Lonaconing Md., map of Waynesburg Mines No. 3 and 5 [cartographic material].

Cartographic Data:
Scale: [1:2,400], 1 in. to 200 ft. (W 78°58'/47"N 39°34'/52'00"

Published: 1948.

Description: 1 map : reverse blue-line print, col. ; 134 x 108 cm.

All Locations: Availability

Location: Frostburg State University Archives Map bom017 Holdings Availability

Internet Link: map image: http://minemaps.frostburg.edu/bom017.jpg

Other Title: Map of Waynesburg Mines No. 3 and 5

Notes: Raster.

Notes: Title from cataloger.

Includes certificate of accuracy signed by Philip Hartig Jr, Maryland registration 1403.
17N4383007673511 40

Notes: Mode of access: World Wide Web.

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Notes: Original map from Maryland Bureau of Mines, #bom017.

Terms of Use: JPEG formatted image only. For physical access to map or higher resolution image, contact Library (See web site for contact information) at http://www.frostburg.edu/dept/library/.

Subjects:
- Waynesburg Mine No. 3 -- Maps.
- Waynesburg Mine No. 5 -- Maps.
- Coal mines and mining -- Maryland -- Lonaconing -- Maps.
- George's Creek Coal Basin (Md.)
- Lonaconing (Md.)
- Allegany County (Md.)

Other Author: Hartig, Philip.

Other Author: George's Creek Coal Company.

Other Title:
- Lonaconing quadrangle. Maryland-West Virginia.

Format: Map

Electronic Resources (all)

Electronic Resources (online)
Example of notes

**internet link**  map image: [http://www.frostburg.edu/minamapping/maps/rut019.jpg](http://www.frostburg.edu/minamapping/maps/rut019.jpg)

**notes**  Raster.

**notes**  Map, oriented with north to upper left.
- Relief shown as contours.
- Title from cataloger.
- Date from verso.
- "Permit #L1-67-20"
- Signed by Donald E. Moran.
- Strip mines and extensions outlined in red ink.
- On verso (not scanned): "Moran coal Co., Inc. 4-24-72"
- 17N4374512654502

**notes**  Mode of access: World Wide Web.

**summary**  Part of the Coal Mine Mapping Project, a joint project by the Maryland Bureau of Mines, the Maryland Power Plant Research Program and Frostburg State University, to create digital images of maps of historic coal mines located in Allegany and Garrett County, Md.

Shows medium surface mine in the George's Creek coal basin in Garrett County in the Barton quadrangle. Shows elevation data, adjacent mines, and mined/worked out areas. Geographic features include Savage River, George's Creek, Mill Run, Michaels Run, Aaron Run, Franklin Hill, and Phoenix Hill. Man-made features include cemeteries, Cumberland and Pennsylvania Railroad, Baltimore and Ohio railroad, gaging station, and the Allegany/Garrett County line. Shows towns of Bloomington, Luke, Westernport, Franklin, Gannon, Morrison, and Reynolds, Md. and Piedmont, W.Va.

**notes**  Original map from Rutledge Collection, #rut019.

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What information was included in the catalog record?

- **Title**
- **Creator (engineer, mine foreman, etc.)**
- **Date**
- **Publisher (if available)**
- **Physical description**
What other information was included

- UTM coordinate of the main portal
- Corresponding Longitude/Latitude for the main portal
- Scale of map
What other information was included

- Project information:
- Institutions involved
- Contact information
- Image information
To Retrieve this information

- Indexed
  - Personal names
  - Company names
  - Quadrangle
  - Subject
    - Coal mine name
    - Coal Basin or Seam
    - County
    - Town
To Retrieve this information

- Keyword search
  - Attributes of the coal mine
  - Military lots
  - Geographic features such as Jennings Run
  - Man-made features such as C&P Railroad

- And all indexed information!